

Page 1 of 7  
05099  
11/04  
OIPE  
11/04/01

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/692,504

DATE: 11/02/2000  
TIME: 13:57:01

Input Set : A:\P1748R1.txt  
Output Set: N:\CRF3\11022000\I692504.raw

ENTERED

3 <110> APPLICANT: De Sauvage, Frederic  
4 Grewal, Iqbal  
5 Gurney, Austin L.  
7 <120> TITLE OF INVENTION: TYPE I CYTOKINE RECEPTOR TCCR  
9 <130> FILE REFERENCE: P1748R1  
W--> 11 <140> CURRENT APPLICATION NUMBER: US/09/692,504  
11 <141> CURRENT FILING DATE: 2000-10-18  
13 <150> PRIOR APPLICATION NUMBER: US 60/160,542  
14 <151> PRIOR FILING DATE: 1999-10-20  
16 <160> NUMBER OF SEQ ID NOS: 16  
18 <210> SEQ ID NO: 1  
19 <211> LENGTH: 636  
20 <212> TYPE: PRT  
21 <213> ORGANISM: Homo sapiens  
23 <400> SEQUENCE: 1  
24 Met Arg Gly Gly Arg Gly Ala Pro Phe Trp Leu Trp Pro Leu Pro  
25 1 5 10 15  
27 Lys Leu Ala Leu Leu Pro Leu Leu Trp Val Leu Phe Gln Arg Thr  
28 20 25 30  
30 Arg Pro Gin Gly Ser Ala Gly Pro Leu Gin Cys Tyr Gly Val Gly  
31 35 40 45  
33 Pro Leu Gly Asp Leu Asn Cys Ser Trp Glu Pro Leu Gly Asp Leu  
34 50 55 60  
36 Gly Ala Pro Ser Glu Leu His Leu Gln Ser Gln Lys Tyr Arg Ser  
37 65 70 75  
39 Asn Lys Thr Gln Thr Val Ala Val Ala Ala Gly Arg Ser Trp Val  
40 80 85 90  
42 Ala Ile Pro Arg Glu Gln Leu Thr Met Ser Asp Lys Leu Leu Val  
43 95 100 105  
45 Trp Gly Thr Lys Ala Gly Gln Pro Leu Trp Pro Pro Val Phe Val  
46 110 115 120  
48 Asn Leu Glu Thr Gln Met Lys Pro Asn Ala Pro Arg Leu Gly Pro  
49 125 130 135  
51 Asp Val Asp Phe Ser Glu Asp Asp Pro Leu Glu Ala Thr Val His  
52 140 145 150  
54 Trp Ala Pro Pro Thr Trp Pro Ser His Lys Val Leu Ile Cys Gln  
55 155 160 165  
57 Phe His Tyr Arg Arg Cys Gln Glu Ala Ala Trp Thr Leu Leu Glu  
58 170 175 180  
60 Pro Glu Leu Lys Thr Ile Pro Leu Thr Pro Val Glu Ile Gln Asp  
61 185 190 195  
63 Leu Glu Leu Ala Thr Gly Tyr Lys Val Tyr Gly Arg Cys Arg Met  
64 200 205 210  
66 Glu Lys Glu Glu Asp Leu Trp Gly Glu Trp Ser Pro Ile Leu Ser  
67 215 220 225  
69 Phe Gln Thr Pro Pro Ser Ala Pro Lys Asp Val Trp Val Ser Gly  
70 230 235 240

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/692,504

DATE: 11/02/2000  
TIME: 13:57:01

Input Set : A:\P1748R1.txt  
Output Set: N:\CRF3\11022000\I692504.raw

72 Asn Leu Cys Gly Thr Pro Gly Gly Glu Pro Leu Leu Leu Trp  
73 245 250 255  
75 Lys Ala Pro Gly Pro Cys Val Gln Val Ser Tyr Lys Val Trp Phe  
76 260 265 270  
78 Trp Val Gly Gly Arg Glu Leu Ser Pro Glu Gly Ile Thr Cys Cys  
79 275 280 285  
81 Cys Ser Leu Ile Pro Ser Gly Ala Glu Trp Ala Arg Val Ser Ala  
82 290 295 300  
84 Val Asn Ala Thr Ser Trp Glu Pro Leu Thr Asn Leu Ser Leu Val  
85 305 310 315  
87 Cys Leu Asp Ser Ala Ser Ala Pro Arg Ser Val Ala Val Ser Ser  
88 320 325 330  
90 Ile Ala Gly Ser Thr Glu Leu Leu Val Thr Trp Gln Pro Gly Pro  
91 335 340 345  
93 Gly Glu Pro Leu Glu His Val Val Asp Trp Ala Arg Asp Gly Asp  
94 350 355 360  
96 Pro Leu Glu Lys Leu Asn Trp Val Arg Leu Pro Pro Gly Asn Leu  
97 365 370 375  
99 Ser Ala Leu Leu Pro Gly Asn Phe Thr Val Gly Val Pro Tyr Arg  
100 380 385 390  
102 Ile Thr Val Thr Ala Val Ser Ala Ser Gly Leu Ala Ser Ala Ser  
103 395 400 405  
105 Ser Val Trp Gly Phe Arg Gln Glu Leu Ala Pro Leu Val Gly Pro  
106 410 415 420  
108 Thr Leu Trp Arg Leu Gln Asp Ala Pro Pro Gly Thr Pro Ala Ile  
109 425 430 435  
111 Ala Trp Gly Glu Val Pro Arg His Gln Leu Arg Gly His Leu Thr  
112 440 445 450  
114 His Tyr Thr Leu Cys Ala Gln Ser Gly Thr Ser Pro Ser Val Cys  
115 455 460 465  
117 Met Asn Val Ser Gly Asn Thr Gln Ser Val Thr Leu Pro Asp Leu  
118 470 475 480  
120 Pro Trp Gly Pro Cys Glu Leu Trp Val Thr Ala Ser Thr Ile Ala  
121 485 490 495  
123 Gly Gln Gly Pro Pro Gly Pro Ile Leu Arg Leu His Leu Pro Asp  
124 500 505 510  
126 Asn Thr Leu Arg Trp Lys Val Leu Pro Gly Ile Leu Phe Leu Trp  
127 515 520 525  
129 Gly Leu Phe Leu Leu Gly Cys Gly Leu Ser Leu Ala Thr Ser Gly  
130 530 535 540  
132 Arg Cys Tyr His Leu Arg His Lys Val Leu Pro Arg Trp Val Trp  
133 545 550 555  
135 Glu Lys Val Pro Asp Pro Ala Asn Ser Ser Ser Gly Gln Pro His  
136 560 565 570  
138 Met Glu Gln Val Pro Glu Ala Gln Pro Leu Gly Asp Leu Pro Ile  
139 575 580 585  
141 Leu Glu Val Glu Glu Met Glu Pro Pro Pro Val Met Glu Ser Ser  
142 590 595 600  
144 Gln Pro Ala Gln Ala Thr Ala Pro Leu Asp Ser Gly Tyr Glu Lys

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/692,504

DATE: 11/02/2000  
TIME: 13:57:01

Input Set : A:\P1748R1.txt  
Output Set: N:\CRF3\11022000\I692504.raw

145	605	610	615
147 His Phe Leu Pro Thr Pro Glu Glu Leu Gly Leu Leu Gly Pro Pro	620	625	630
148			
150 Arg Pro Gln Val Leu Ala	635		
151			
153 <210> SEQ ID NO: 2			
154 <211> LENGTH: 623			
155 <212> TYPE: PRT			
156 <213> ORGANISM: Mus musculus			
158 <400> SEQUENCE: 2			
159 Met Asn Arg Leu Arg Val Ala Arg Leu Thr Pro Leu Glu Leu Leu	1	5	10
160			15
162 Leu Ser Leu Met Ser Leu Leu Leu Gly Thr Arg Pro His Gly Ser	20	25	30
163			
165 Pro Gly Pro Leu Gln Cys Tyr Ser Val Gly Pro Leu Gly Ile Leu	35	40	45
166			
168 Asn Cys Ser Trp Glu Pro Leu Gly Asp Leu Glu Thr Pro Pro Val	50	55	60
169			
171 Leu Tyr His Gln Ser Gln Lys Tyr His Pro Asn Arg Val Trp Glu	65	70	75
172			
174 Val Lys Val Pro Ser Lys Gln Ser Trp Val Thr Ile Pro Arg Glu	80	85	90
175			
177 Gln Phe Thr Met Ala Asp Lys Leu Leu Ile Trp Gly Thr Gln Lys	95	100	105
178			
180 Gly Arg Pro Leu Trp Ser Ser Val Ser Val Asn Leu Glu Thr Gln	110	115	120
181			
183 Met Lys Pro Asp Thr Pro Gln Ile Phe Ser Gln Val Asp Ile Ser	125	130	135
184			
186 Glu Glu Ala Thr Leu Glu Ala Thr Val Gln Trp Ala Pro Pro Val	140	145	150
187			
189 Trp Pro Pro Gln Lys Ala Leu Thr Cys Gln Phe Arg Tyr Lys Glu	155	160	165
190			
192 Cys Gln Ala Glu Ala Trp Thr Arg Leu Glu Pro Gln Leu Lys Thr	170	175	180
193			
195 Asp Gly Leu Thr Pro Val Glu Met Gln Asn Leu Glu Pro Gly Thr	185	190	195
196			
198 Cys Tyr Gln Val Ser Gly Arg Cys Gln Val Glu Asn Gly Tyr Pro	200	205	210
199			
201 Trp Gly Glu Trp Ser Ser Pro Leu Ser Phe Gln Thr Pro Phe Leu	215	220	225
202			
204 Asp Pro Glu Asp Val Trp Val Ser Gly Thr Val Cys Glu Thr Ser	230	235	240
205			
207 Gly Lys Arg Ala Ala Leu Leu Val Trp Lys Asp Pro Arg Pro Cys	245	250	255
208			
210 Val Gln Val Thr Tyr Thr Val Trp Phe Gly Ala Gly Asp Ile Thr	260	265	270
211			
213 Thr Thr Gln Glu Val Pro Cys Cys Lys Ser Pro Val Pro Ala	275	280	285
214			
216 Trp Met Glu Trp Ala Val Val Ser Pro Gly Asn Ser Thr Ser Trp			

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/692,504

DATE: 11/02/2000  
TIME: 13:57:01

Input Set : A:\P1748R1.txt  
Output Set: N:\CRF3\11022000\1692504.raw

217 290 295 300  
219 Val Pro Pro Thr Asn Leu Ser Leu Val Cys Leu Ala Pro Glu Ser  
220 305 310 315  
222 Ala Pro Cys Asp Val Gly Val Ser Ser Ala Asp Gly Ser Pro Gly  
223 320 325 330  
225 Ile Lys Val Thr Trp Lys Gln Gly Thr Arg Lys Pro Leu Glu Tyr  
226 335 340 345  
228 Val Val Asp Trp Ala Gln Asp Gly Asp Ser Leu Asp Lys Leu Asn  
229 350 355 360  
231 Trp Thr Arg Leu Pro Pro Gly Asn Leu Ser Thr Leu Leu Pro Gly  
232 365 370 375  
234 Glu Phe Lys Gly Gly Val Pro Tyr Arg Ile Thr Val Thr Ala Val  
235 380 385 390  
237 Tyr Ser Gly Gly Leu Ala Ala Ala Pro Ser Val Trp Gly Phe Arg  
238 395 400 405  
240 Glu Glu Leu Val Pro Leu Ala Gly Pro Ala Val Trp Arg Leu Pro  
241 410 415 420  
243 Asp Asp Pro Pro Gly Thr Pro Val Val Ala Trp Gly Glu Val Pro  
244 425 430 435  
246 Arg His Gln Leu Arg Gly Gln Ala Thr His Tyr Thr Phe Cys Ile  
247 440 445 450  
249 Gln Ser Arg Gly Leu Ser Thr Val Cys Arg Asn Val Ser Ser Gln  
250 455 460 465  
252 Thr Gln Thr Ala Thr Leu Pro Asn Leu His Ser Gly Ser Phe Lys  
253 470 475 480  
255 Leu Trp Val Thr Val Ser Thr Val Ala Gly Gln Gly Pro Pro Gly  
256 485 490 495  
258 Pro Asp Leu Ser Leu His Leu Pro Asp Asn Arg Ile Arg Trp Lys  
259 500 505 510  
261 Ala Leu Pro Trp Phe Leu Ser Leu Trp Gly Leu Leu Leu Met Gly  
262 515 520 525  
264 Cys Gly Leu Ser Leu Ala Ser Thr Arg Cys Leu Gln Ala Arg Cys  
265 530 535 540  
267 Leu His Trp Arg His Lys Leu Leu Pro Gln Trp Ile Trp Glu Arg  
268 545 550 555  
270 Val Pro Asp Pro Ala Asn Ser Asn Ser Gly Gln Pro Tyr Ile Lys  
271 560 565 570  
273 Glu Val Ser Leu Pro Gln Pro Pro Lys Asp Gly Pro Ile Leu Glu  
274 575 580 585  
276 Val Glu Glu Val Glu Leu Gln Pro Val Val Glu Ser Pro Lys Ala  
277 590 595 600  
279 Ser Ala Pro Ile Tyr Ser Gly Tyr Glu Lys His Phe Leu Pro Thr  
280 605 610 615  
282 Pro Glu Glu Leu Gly Leu Leu Val  
283 620  
285 <210> SEQ ID NO: 3  
286 <211> LENGTH: 2646  
287 <212> TYPE: DNA  
288 <213> ORGANISM: Homo sapiens

RAW SEQUENCE LISTING DATE: 11/02/2000  
PATENT APPLICATION: US/09/692,504 TIME: 13:57:01

Input Set : A:\P1748R1.txt  
Output Set: N:\CRF3\11022000\I692504.raw

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/692,504

DATE: 11/02/2000  
TIME: 13:57:02

Input Set : A:\P1748R1.txt  
Output Set: N:\CRF3\11022000\I692504.raw

L:11 M:282 W: Numeric Field Identifier Missing, <140> CURRENT APPLICATION NUMBER: is Added.  
L:392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3